Brain Research, 615 (1993) 358–359
Elsevier Science Publishers B.V.

Author Index

Akaike, N., see Inomata, H. (615) 347
Armstrong, J.N., see McIntyre, D.C. (615) 1
Arvanov, V.L., Tsai, M.-C., Walker, R.J. and Ayrapetian, S.N.
Interaction of concanavalin A and wheat germ agglutinin with *Helix* acetylcholine receptors (615) 252
Atack, J.R., see Ginsberg, L. (615) 355
Ayrapetian, S.N., see Arvanov, V.L. (615) 252

Bahn, S., Ganter, U., Bauer, J., Otten, U. and Volk, B.
Influence of phenytoin on cytoskeletal organization and cell viability of immortalized mouse hippocampal neurons (615) 160
Barnes, C.A., see Erickson, C.A. (615) 275
Bassant, M.-H., see De Micheli, E. (615) 80
Bauer, J., see Bahn, S. (615) 160
Beals, T.F., see Hinshaw, D.B. (615) 13
Bhargava, H.N., see Thorat, S.N. (615) 191
Björklund, A., see Leanza, G. (615) 147
Blatchley, B., see Brugge, J.F. (615) 199
Bouley, M.G., see Holland, K.D. (615) 170
Brankack, J., Stewart, M. and Fox, S.E.
Current source density analysis of the hippocampal theta rhythm: associated sustained potentials and candidate synaptic generators (615) 310
Brugge, J.F., Blatchley, B. and Kudoh, M.
Encoding of amplitude-modulated tones by neurons of the inferior colliculus of the kitten (615) 199
Bruning, H.W., see Ronken, E. (615) 63

Carette, B., see Doutrelant, O. (615) 335
Ciaranello, R.D., see Garlow, S.J. (615) 113
Cissé, S. and Schipper, H.M.
Isolation of pseudoperoxidase-positive astrocyte granules from intact rat brain and cysteamine-treated neuroglial cultures (615) 141
Covey, D.F., see Holland, K.D. (615) 170

Davidson, C. and Stamford, J.A.
Neurochemical evidence of functional A10 dopamine terminals innervating the ventromedial axis of the neostriatum: in vitro voltammetric data in rat brain slices (615) 229
Dean, R.R., see Garlow, S.J. (615) 113
De Boer, T., see Ronken, E. (615) 63
DeFelipe, J.
A study of NADPH diaphorase-positive axonal plexuses in the human temporal cortex (615) 342
DeKosky, S.T., see Styren, S.D. (615) 181
De Micheli, E., Lamour, Y., Bassant, M.-H. and Soncrant, T.T.
Sustained cortical metabolic responsivity to physostigmine after nucleus basalis magnocellularis ablation in rats (615) 80
Dougherty, M., see Freidin, M. (615) 135
Doutrelant, O., Poulain, P. and Carette, B.
Comparative distribution of calbindin and Met-enkephalin immunoreactivities in the guinea-pig lateral septum, with reference to electrophysiologically characterized neurons in the mediolateral part (615) 335
Drengler, S.M. and Oltmans, G.A.
Rapid increases in cerebellar Purkinje cell glutamic acid decarboxylase (GAD_{67}) mRNA after lesion-induced increases in cell firing (615) 175

Ebert, U., see Wahnschaffe, U. (615) 295
Edwards, E., see Papolos, D.F. (615) 304
Elliott, E.J., see Simon, S.A. (615) 218
Erickson, C.A., McNaughton, B.L. and Barnes, C.A.
Comparison of long-term enhancement and short-term exploratory modulation of perforant path synaptic transmission (615) 275
Erickson, R.P., see Simon, S.A. (615) 218

Ferrendelli, J.A., see Holland, K.D. (615) 170
Fox, S.E., see Brankack, J. (615) 310
Freidin, M., Dougherty, M. and Kessler, J.A.
Cell density regulates neuropeptide Y expression in cultured sympathetic neurons (615) 135

Ganter, U., see Bahn, S. (615) 160
Garlow, S.J., Morilak, D.A., Dean, R.R., Roth, B.L. and Ciaranello, R.D.
Production and characterization of a specific 5-HT_2 receptor antibody (615) 113
Gershfeld, N.L., see Ginsberg, L. (615) 355
Ginsberg, L., Atack, J.R., Rapoport, S.I. and Gershfeld, N.L.
Regional specificity of membrane instability in Alzheimer's disease brain (615) 355
Guldner, J., see Steiger, A. (615) 267
Gustafsson, J.-Å., see Kainu, T. (615) 245

Halvorson, I., see Thornhill, J. (615) 289
Harris, B.D., see Moody, E.J. (615) 101
Hashimoto, T., see Nishino, N. (615) 41
Hemmeter, U., see Steiger, A. (615) 267
Henn, F.A., see Papolos, D.F. (615) 304
Higashi, T., see Nishi, S. (615) 281
Hinshaw, D.B., Miller, M.T., Omann, G.M., Beals, T.F. and Hyslop, P.A.
A cellular model of oxidant-mediated neuronal injury (615) 13
Holland, K.D., Bouley, M.G., Covey, D.F. and Ferrendelli, J.A.
Alkyl-substituted γ-butyrolactones act at a distinct site allosterically linked to the TBPS/picrotoxinin site on the $GABA_A$ receptor complex (615) 170
Holland, V.F., see Simon, S.A. (615) 218
Holsboer, F., see Steiger, A. (615) 267
Honkaniemi, J., see Kainu, T. (615) 245
Huang, G.-J. and McArdle, J.J.
Chronic ingestion of ethanol increases the number of Ca^{2+} channels of hippocampal neurons of long-sleep but not short-sleep mice (615) 328
Hyslop, P.A., see Hinshaw, D.B. (615) 13

Ince, P.G., see Johnson, M. (615) 259
Inomata, H., Nabekura, J. and Akaike, N.
Suppression of taurine response in acutely dissociated substantia nigra neurons by intracellular cyclic AMP (615) 347

Johnson, M., Perry, E.K., Ince, P.G., Shaw, P.J. and Perry, R.H.
Autoradiographic comparison of the distribution of [^{3}H]MK801 and [^{3}H]CNQX in the human cerebellum during development and aging (615) 259

Kainu, T., Honkaniemi, J., Gustafsson, J.-Å., Rechardt, L. and Pelto-Huikko, M.
Co-localization of peptide-like immunoreactivities with glucocorticoid receptor- and Fos-like immunoreactivities in the rat parabrachial nucleus (615) 245
Kajimoto, Y., see Nishino, N. (615) 41
Kaspersen, F.M., see Ronken, E. (615) 63
Kato, H., Liu, X.-H., Nakata, N. and Kogure, K.
Immunohistochemical visualization of heat shock protein-70 in the gerbil hippocampus following repeated brief cerebral ischemia (615) 240
Keana, J.F.W., see Vaccarino, A.L. (615) 331
Kelly, M.E., see McIntyre, D.C. (615) 1
Kessler, J.A., see Freidin, M. (615) 135
Kest, B., see Vaccarino, A.L. (615) 331
Kikuchi, H., see Nishi, S. (615) 281
Kirby, J.D., see Zhang, Y. (615) 107
Kitamura, N., see Nishino, N. (615) 41
Kogure, K., see Kato, H. (615) 240
Komure, O., see Nishino, N. (615) 41
Kruk, M.R., see Roeling, T.A.P. (615) 121
Kudoh, H., see Nishi, S. (615) 281
Kudoh, M., see Brugge, J.F. (615) 199

Lachman, H.M., see Papolos, D.F. (615) 304
Lamour, Y., see De Micheli, E. (615) 80
Leanza, G., Nilsson, O.G. and Björklund, A.
Compensatory changes of in vivo acetylcholine and noradrenaline release in the hippocampus after partial deafferentation, as monitored by microdialysis (615) 147
Liebeskind, J.C., see Vaccarino, A.L. (615) 331
Liu, X.-H., see Kato, H. (615) 240
Löscher, W., see Wahnschaffe, U. (615) 295

Brain Research, 615 (1993) 358–359
Elsevier Science Publishers B.V.

Author Index

Akaike, N., see Inomata, H. (615) 347
Armstrong, J.N., see McIntyre, D.C. (615) 1
Arvanov, V.L., Tsai, M.-C., Walker, R.J. and Ayrapetian, S.N.
Interaction of concanavalin A and wheat germ agglutinin with *Helix* acetylcholine receptors (615) 252
Atack, J.R., see Ginsberg, L. (615) 355
Ayrapetian, S.N., see Arvanov, V.L. (615) 252

Bahn, S., Ganter, U., Bauer, J., Otten, U. and Volk, B.
Influence of phenytoin on cytoskeletal organization and cell viability of immortalized mouse hippocampal neurons (615) 160
Barnes, C.A., see Erickson, C.A. (615) 275
Bassant, M.-H., see De Micheli, E. (615) 80
Bauer, J., see Bahn, S. (615) 160
Beals, T.F., see Hinshaw, D.B. (615) 13
Bhargava, H.N., see Thorat, S.N. (615) 191
Björklund, A., see Leanza, G. (615) 147
Blatchley, B., see Brugge, J.F. (615) 199
Bouley, M.G., see Holland, K.D. (615) 170
Brankack, J., Stewart, M. and Fox, S.E.
Current source density analysis of the hippocampal theta rhythm: associated sustained potentials and candidate synaptic generators (615) 310
Brugge, J.F., Blatchley, B. and Kudoh, M.
Encoding of amplitude-modulated tones by neurons of the inferior colliculus of the kitten (615) 199
Bruning, H.W., see Ronken, E. (615) 63

Carette, B., see Doutrelant, O. (615) 335
Ciaranello, R.D., see Garlow, S.J. (615) 113
Cissé, S. and Schipper, H.M.
Isolation of pseudoperoxidase-positive astrocyte granules from intact rat brain and cysteamine-treated neuroglial cultures (615) 141
Covey, D.F., see Holland, K.D. (615) 170

Davidson, C. and Stamford, J.A.
Neurochemical evidence of functional A10 dopamine terminals innervating the ventromedial axis of the neostriatum: in vitro voltammetric data in rat brain slices (615) 229
Dean, R.R., see Garlow, S.J. (615) 113
De Boer, T., see Ronken, E. (615) 63
DeFelipe, J.
A study of NADPH diaphorase-positive axonal plexuses in the human temporal cortex (615) 342
DeKosky, S.T., see Styren, S.D. (615) 181
De Micheli, E., Lamour, Y., Bassant, M.-H. and Soncrant, T.T.
Sustained cortical metabolic responsivity to physostigmine after nucleus basalis magnocellularis ablation in rats (615) 80
Dougherty, M., see Freidin, M. (615) 135
Doutrelant, O., Poulain, P. and Carette, B.
Comparative distribution of calbindin and Met-enkephalin immunoreactivities in the guinea-pig lateral septum, with reference to electrophysiologically characterized neurons in the mediolateral part (615) 335
Drengler, S.M. and Oltmans, G.A.
Rapid increases in cerebellar Purkinje cell glutamic acid decarboxylase (GAD_{67}) mRNA after lesion-induced increases in cell firing (615) 175

Ebert, U., see Wahnschaffe, U. (615) 295
Edwards, E., see Papolos, D.F. (615) 304
Elliott, E.J., see Simon, S.A. (615) 218
Erickson, C.A., McNaughton, B.L. and Barnes, C.A.
Comparison of long-term enhancement and short-term exploratory modulation of perforant path synaptic transmission (615) 275
Erickson, R.P., see Simon, S.A. (615) 218

Ferrendelli, J.A., see Holland, K.D. (615) 170
Fox, S.E., see Brankack, J. (615) 310
Freidin, M., Dougherty, M. and Kessler, J.A.
Cell density regulates neuropeptide Y expression in cultured sympathetic neurons (615) 135

Ganter, U., see Bahn, S. (615) 160
Garlow, S.J., Morilak, D.A., Dean, R.R., Roth, B.L. and Ciaranello, R.D.
Production and characterization of a specific 5-HT_2 receptor antibody (615) 113
Gershfeld, N.L., see Ginsberg, L. (615) 355
Ginsberg, L., Atack, J.R., Rapoport, S.I. and Gershfeld, N.L.
Regional specificity of membrane instability in Alzheimer's disease brain (615) 355
Guldner, J., see Steiger, A. (615) 267
Gustafsson, J.-Å., see Kainu, T. (615) 245

Halvorson, I., see Thornhill, J. (615) 289
Harris, B.D., see Moody, E.J. (615) 101
Hashimoto, T., see Nishino, N. (615) 41
Hemmeter, U., see Steiger, A. (615) 267
Henn, F.A., see Papolos, D.F. (615) 304
Higashi, T., see Nishi, S. (615) 281
Hinshaw, D.B., Miller, M.T., Omann, G.M., Beals, T.F. and Hyslop, P.A.
A cellular model of oxidant-mediated neuronal injury (615) 13
Holland, K.D., Bouley, M.G., Covey, D.F. and Ferrendelli, J.A.
Alkyl-substituted γ-butyrolactones act at a distinct site allosterically linked to the TBPS/picrotoxinin site on the $GABA_A$ receptor complex (615) 170
Holland, V.F., see Simon, S.A. (615) 218
Holsboer, F., see Steiger, A. (615) 267
Honkaniemi, J., see Kainu, T. (615) 245
Huang, G.-J. and McArdle, J.J.
Chronic ingestion of ethanol increases the number of Ca^{2+} channels of hippocampal neurons of long-sleep but not short-sleep mice (615) 328
Hyslop, P.A., see Hinshaw, D.B. (615) 13

Ince, P.G., see Johnson, M. (615) 259
Inomata, H., Nabekura, J. and Akaike, N.
Suppression of taurine response in acutely dissociated substantia nigra neurons by intracellular cyclic AMP (615) 347

Johnson, M., Perry, E.K., Ince, P.G., Shaw, P.J. and Perry, R.H.
Autoradiographic comparison of the distribution of [^{3}H]MK801 and [^{3}H]CNQX in the human cerebellum during development and aging (615) 259

Kainu, T., Honkaniemi, J., Gustafsson, J.-Å., Rechardt, L. and Pelto-Huikko, M.
Co-localization of peptide-like immunoreactivities with glucocorticoid receptor- and Fos-like immunoreactivities in the rat parabrachial nucleus (615) 245
Kajimoto, Y., see Nishino, N. (615) 41
Kaspersen, F.M., see Ronken, E. (615) 63
Kato, H., Liu, X.-H., Nakata, N. and Kogure, K.
Immunohistochemical visualization of heat shock protein-70 in the gerbil hippocampus following repeated brief cerebral ischemia (615) 240
Keana, J.F.W., see Vaccarino, A.L. (615) 331
Kelly, M.E., see McIntyre, D.C. (615) 1
Kessler, J.A., see Freidin, M. (615) 135
Kest, B., see Vaccarino, A.L. (615) 331
Kikuchi, H., see Nishi, S. (615) 281
Kirby, J.D., see Zhang, Y. (615) 107
Kitamura, N., see Nishino, N. (615) 41
Kogure, K., see Kato, H. (615) 240
Komure, O., see Nishino, N. (615) 41
Kruk, M.R., see Roeling, T.A.P. (615) 121
Kudoh, H., see Nishi, S. (615) 281
Kudoh, M., see Brugge, J.F. (615) 199

Lachman, H.M., see Papolos, D.F. (615) 304
Lamour, Y., see De Micheli, E. (615) 80
Leanza, G., Nilsson, O.G. and Björklund, A.
Compensatory changes of in vivo acetylcholine and noradrenaline release in the hippocampus after partial deafferentation, as monitored by microdialysis (615) 147
Liebeskind, J.C., see Vaccarino, A.L. (615) 331
Liu, X.-H., see Kato, H. (615) 240
Löscher, W., see Wahnschaffe, U. (615) 295

Marek, P., see Vaccarino, A.L. (615) 331
Marmur, R., see Papolos, D.F. (615) 304
McArdle, J.J., see Huang, G.-J. (615) 328
McEwen, B.S., see Watanabe, Y. (615) 87
McIntyre, D.C., Kelly, M.E. and Armstrong, J.N.
Kindling in the perirhinal cortex (615) 1
McNaughton, B.L., see Erickson, C.A. (615) 275
Mendelson, S., see Watanabe, Y. (615) 87
Miller, M.T., see Hinshaw, D.B. (615) 13
Mita, T., see Nishino, N. (615) 41
Moody, E.J., Harris, B.D. and Skolnick, P.
Stereospecific actions of the inhalation anesthetic isoflurane at the $GABA_A$ receptor complex (615) 101
Moore, R.Y., see Shibata, S. (615) 95
Morilak, D.A., see Garlow, S.J. (615) 113
Mufson, E.J., see Styren, S.D. (615) 181
Murakami, N., see Nishino, N. (615) 41

Nabekura, J., see Inomata, H. (615) 347
Nagata, K., see Nishi, S. (615) 281
Nakai, H., see Nishino, N. (615) 41
Nakai, T., see Nishino, N. (615) 41
Nakata, N., see Kato, H. (615) 240
Nilsson, O.G., see Leanza, G. (615) 147
Nishi, S., Taki, W., Uemura, Y., Higashi, T., Kikuchi, H., Kudoh, H., Satoh, M. and Nagata, K.
Ischemic tolerance due to the induction of HSP70 in a rat ischemic recirculation model (615) 281
Nishino, N., Kitamura, N., Hashimoto, T., Kajimoto, Y., Shirai, Y., Murakami, N., Nakai, T., Komure, O., Shirakawa, O., Mita, T. and Nakai, H.
Increase in [^{3}H]cAMP binding sites and decrease in $G_{i\alpha}$ and $G_{o\alpha}$ immunoreactivities in left temporal cortices from patients with schizophrenia (615) 41

Oltmans, G.A., see Drengler, S.M. (615) 175
Omann, G.M., see Hinshaw, D.B. (615) 13
Otten, U., see Bahn, S. (615) 160

Papolos, D.F., Edwards, E., Marmur, R., Lachman, H.M. and Henn, F.A.
Effects of the antiglucocorticoid RU 38486 on the induction of learned helpless behavior in Sprague–Dawley rats (615) 304
Pelto-Huikko, M., see Kainu, T. (615) 245
Perry, E.K., see Johnson, M. (615) 259
Perry, R.H., see Johnson, M. (615) 259
Poulain, P., see Doutrelant, O. (615) 335

Raadsheer, F.C., Sluiter, A.A., Ravid, R., Tilders, F.J.H. and Swaab, D.F.
Localization of corticotropin-releasing hormone (CRH) neurons in the paraventricular nucleus of the human hypothalamus; age-dependent colocalization with vasopressin (615) 50
Rapoport, S.I., see Ginsberg, L. (615) 355
Ravid, R., see Raadsheer, F.C. (615) 50
Rechardt, L., see Kainu, T. (615) 245
Reddy, P.L., see Thorat, S.N. (615) 191
Roeling, T.A.P., Kruk, M.R., Schuurmans, R. and Veening, J.G.
Behavioural responses of bicucculline methiodide injections into the ventral hypothalamus of freely moving, socially interacting rats (615) 121
Roeltgen, D.P., see Schneider, J.S. (615) 351
Rogers, J., see Styren, S.D. (615) 181
Ronken, E., Wiegant, V.M., Kaspersen, F.M., Van Nispen, J.W., De Boer, T., Bruning, H.W., Rust, C.J.J. and Tonnaer, J.A.D.M.
Topography and characteristics of specific binding sites for non-opioid γ-type endorphins in the rat brain as studied by autoradiography with [^{35}S]Met-desenkephalin-γ-endorphin (615) 63
Roth, B.L., see Garlow, S.J. (615) 113
Rothe, B., see Steiger, A. (615) 267
Rupprecht, R., see Steiger, A. (615) 267
Rust, C.J.J., see Ronken, E. (615) 63

Sakai, R.R., see Watanabe, Y. (615) 87
Saphier, D. and Zhang, K.
Inhibition by the serotonin$_{1A}$ agonist, 8-hydroxy-2-(di-*n*-propylamino)tetralin, of antidromically identified paraventricular nucleus neurons in the rat (615) 7
Satoh, M., see Nishi, S. (615) 281
Schipper, H.M., see Cissé, S. (615) 141
Schneider, J.S. and Roeltgen, D.P.
Delayed matching-to-sample, object retrieval, and discrimination reversal deficits in chronic low dose MPTP-treated monkeys (615) 351
Schuurmans, R., see Roeling, T.A.P. (615) 121
Shaw, P.J., see Johnson, M. (615) 259
Shibata, S. and Moore, R.Y.
Neuropeptide Y and optic chiasm stimulation affect suprachiasmatic nucleus circadian function in vitro (615) 95
Shirai, Y., see Nishino, N. (615) 41
Shirakawa, O., see Nishino, N. (615) 41
Simon, S.A., Elliott, E.J., Erickson, R.P. and Holland, V.F.
Ion transport across lingual epithelium is modulated by chorda tympani nerve fibers (615) 218
Skolnick, P., see Moody, E.J. (615) 101
Sluiter, A.A., see Raadsheer, F.C. (615) 50
Soncrant, T.T., see De Micheli, E. (615) 80
Spitsbergen, J.M. and Tuttle, J.B.
Muscle membrane preparation restores sensitivity to acetylcholine in cultured chick ciliary ganglion neurons (615) 128
Stamford, J.A., see Davidson, C. (615) 229
Steiger, A., Trachsel, L., Guldner, J., Hemmeter, U., Rothe, B., Rupprecht, R., Vedder, H. and Holsboer, F.
Neurosteroid pregnenolone induces sleep-EEG changes in man compatible with inverse agonistic $GABA_A$-receptor modulation (615) 267
Stewart, M., see Brankack, J. (615) 310
Styren, S.D., DeKosky, S.T., Rogers, J. and Mufson, E.J.
Epidermal growth factor receptor expression in demented elderly: localization to vascular endothelial cells of brain, pituitary and skin (615) 181
Swaab, D.F., see Raadsheer, F.C. (615) 50

Takahashi, J.S., see Zhang, Y. (615) 107
Taki, W., see Nishi, S. (615) 281
Thorat, S.N., Veeranna, , Reddy, P.L. and Bhargava, H.N.
Biochemical and behavioral studies on the interaction between μ- and κ-opiate agonists in mice (615) 191
Thornhill, J. and Halvorson, I.
Intrascapular brown adipose tissue (IBAT) temperature and blood flow responses following ventromedial hypothalamic stimulation to sham and IBAT-denervated rats (615) 289
Tilders, F.J.H., see Raadsheer, F.C. (615) 50
Tonnaer, J.A.D.M., see Ronken, E. (615) 63
Trachsel, L., see Steiger, A. (615) 267
Tsai, M.-C., see Arvanov, V.L. (615) 252
Turek, F.W., see Zhang, Y. (615) 107
Tuttle, J.B., see Spitsbergen, J.M. (615) 128

Uemura, Y., see Nishi, S. (615) 281

Vaccarino, A.L., Marek, P., Kest, B., Weber, E., Keana, J.F.W. and Liebeskind, J.C.
NMDA receptor antagonists, MK-801 and ACEA-1011, prevent the development of tonic pain following subcutaneous formalin (615) 331
Van Nispen, J.W., see Ronken, E. (615) 63
Vedder, H., see Steiger, A. (615) 267
Veening, J.G., see Roeling, T.A.P. (615) 121
Veeranna, , see Thorat, S.N. (615) 191
Volk, B., see Bahn, S. (615) 160

Wahnschaffe, U., Ebert, U. and Löscher, W.
The effects of lesions of the posterior piriform cortex on amygdala kindling in the rat (615) 295
Walker, R.J., see Arvanov, V.L. (615) 252
Wang, E., see Yang, G. (615) 71
Watanabe, Y., Sakai, R.R., McEwen, B.S. and Mendelson, S.
Stress and antidepressant effects on hippocampal and cortical 5-HT_{1A} and 5-HT_2 receptor: and transport sites for serotonin (615) 87
Weber, E., see Vaccarino, A.L. (615) 331
White, L.A., see Whittemore, S.R. (615) 27
Whittemore, S.R. and White, L.A.
Target regulation of neuronal differentiation in a temperature-sensitive cell line derived from medullary raphe (615) 27
Wiegant, V.M., see Ronken, E. (615) 63

Yang, G. and Wang, E.
Expression of terminin in the rat brain during neuronal differentiation (615) 71

Zee, P.C., see Zhang, Y. (615) 107
Zhang, K., see Saphier, D. (615) 7
Zhang, Y., Zee, P.C., Kirby, J.D., Takahashi, J.S. and Turek, F.W.
A cholinergic antagonist, mecamylamine, blocks light-induced Fos immunoreactivity in specific regions of the hamster suprachiasmatic nucleus (615) 107